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NEWS	2	DEC 01	ChemPort single article sales feature unavailable
NEWS	3	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS	4	APR 07	STN is raising the limits on saved answers
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NEWS	6	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS	7	APR 28	CAS patent authority coverage expanded
NEWS	8	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS	9	APR 28	Limits doubled for structure searching in CAS REGISTRY
NEWS	10	MAY 08	STN Express, Version 8.4, now available
NEWS	11	MAY 11	STN on the Web enhanced
NEWS	12	MAY 11	BEILSTEIN substance information now available on STN Easy
NEWS	13	MAY 14	DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS	14	MAY 15	INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS	15	MAY 28	CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS	16	JUN 01	CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS	17	JUN 26	NUTRACEUT and PHARMAML no longer updated
NEWS	18	JUN 29	IMSCOPROFILE now reloaded monthly
NEWS	19	JUN 29	EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS	20	JUL 09	PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields

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FULL ESTIMATED COST 0.22 0.22

FILE 'CAPLUS' ENTERED AT 19:10:37 ON 10 JUL 2009
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FILE COVERS 1907 - 10 Jul 2009 VOL 151 ISS 3
FILE LAST UPDATED: 9 Jul 2009 (20090709/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s 35641-59-9/rn or 15214-89-8/rn or 5165-97-9/rn or 114815-74-6/rn or
6964-21-2/rn or 126213-51-2/rn or 12613-50-1/rn or 109-97-7/rn or 30604-81-0/rn or
110-02-1/rn
269 35641-59-9
22 35641-59-9D
250 35641-59-9/RN
(35641-59-9 (NOTL) 35641-59-9D)
1463 15214-89-8
636 15214-89-8D
853 15214-89-8/RN
(15214-89-8 (NOTL) 15214-89-8D)
303 5165-97-9
120 5165-97-9D
186 5165-97-9/RN
(5165-97-9 (NOTL) 5165-97-9D)
137 114815-74-6
5 114815-74-6D
133 114815-74-6/RN
(114815-74-6 (NOTL) 114815-74-6D)

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           416 6964-21-2
            16 6964-21-2D
           401 6964-21-2/RN
                 (6964-21-2 (NOTL) 6964-21-2D )
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           102 126213-51-2D
          7146 126213-51-2/RN
                 (126213-51-2 (NOTL) 126213-51-2D )
             0 12613-50-1
             0 12613-50-1D
             0 12613-50-1/RN
                 (12613-50-1 (NOTL) 12613-50-1D )
         12997 109-97-7
          1676 109-97-7D
         11455 109-97-7/RN
                 (109-97-7 (NOTL) 109-97-7D )
         12487 30604-81-0
           495 30604-81-0D
         12118 30604-81-0/RN
                 (30604-81-0 (NOTL) 30604-81-0D )
         13540 110-02-1
          2153 110-02-1D
         11602 110-02-1/RN
                 (110-02-1 (NOTL) 110-02-1D )
L1       40562 35641-59-9/RN OR 15214-89-8/RN OR 5165-97-9/RN OR 114815-74-6/RN
                OR 6964-21-2/RN OR 126213-51-2/RN OR 12613-50-1/RN OR 109-97-7/
               RN OR 30604-81-0/RN OR 110-02-1/RN

=> s 126213-50-1/rn
           607 126213-50-1
            50 126213-50-1D
L2          562 126213-50-1/RN
                 (126213-50-1 (NOTL) 126213-50-1D )

=> s l1 or l2
L3       40773 L1 OR L2

=> s surfactant or detergent or amphiphil? or amphipath?
        217303 SURFACTANT
        194150 SURFACTANTS
        277309 SURFACTANT
                 (SURFACTANT OR SURFACTANTS)
         88419 DETERGENT
         77634 DETERGENTS
        121608 DETERGENT
                 (DETERGENT OR DETERGENTS)
         29706 AMPHIPHIL?
          6516 AMPHIPATH?
L4      403107 SURFACTANT OR DETERGENT OR AMPHIPHIL? OR AMPHIPATH?

=> s align? or orient? or ?assembly
        171828 ALIGN?
        428972 ORIENT?
        249704 ?ASSEMBLY
L5      814221 ALIGN? OR ORIENT? OR ?ASSEMBLY

=> s l3 and l4 and l5
L6          57 L3 AND L4 AND L5

=> d l6 1-3

L6   ANSWER 1 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
```

AN 2009:480541 CAPLUS
DN 151:34267
TI Self-assembled anionic micellar template for polypyrrole, polyaniline, and their random copolymer nanomaterials
AU Antony, M. Jinish; Jayakannan, M.
CS Division of Chemical Sciences and Technology, National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, 695019, India
SO Journal of Polymer Science, Part B: Polymer Physics (2009), 47(8), 830-846
CODEN: JPBPEM; ISSN: 0887-6266
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2009:464989 CAPLUS
DN 150:516044
TI Preparation method and application of high-dispersibility nanoscale poly(3,4-ethylenedioxythiophene)
IN Li, Xin; Li, Xiaoning; Zhao, Guoliang; Sun, Qiang; Jin, Junping
PA Beijing Institute of Fashion Technology, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 16pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101407575	A	20090415	CN 2008-10182456	20081208
PRAI	CN 2008-10182456		20081208		

L6 ANSWER 3 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2009:161856 CAPLUS
DN 150:273860
TI Printable complete-polymer based radio frequency identification (rf-id) chip
IN Xu, Haisheng
PA Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 13pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101359668	A	20090204	CN 2007-10044332	20070730
PRAI	CN 2007-10044332		20070730		

=> d l6 55-57

L6 ANSWER 55 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1995:366062 CAPLUS
DN 122:172508
OREF 122:31477a,31480a
TI Electrochemistry of surfactant-doped polypyrrole film (I): formation of columnar structure by electropolymerization
AU Naoi, Katsuhiko; Oura, Yasushi; Maeda, Michiko; Nakamura, Sadako
CS Dep. Appl. Chem., Tokyo Univ. Agric. Technol., Tokyo, 184, Japan
SO Journal of the Electrochemical Society (1995), 142(2), 417-22

CODEN: JESOAN; ISSN: 0013-4651
PB Electrochemical Society
DT Journal
LA English

L6 ANSWER 56 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1994:551706 CAPLUS
DN 121:151706
OREF 121:27297a,27300a
TI Synthesis of amphipathic porphyrins and their photoinduced electron transfer reactions at the lipid bilayer-water interface
AU Hwang, Kuo Chu; Mauzerall, David; Wagner, Richard W.; Lindsey, Jonathan S.
CS Rockefeller Univ., New York, NY, 10021, USA
SO Photochemistry and Photobiology (1994), 59(2), 145-51
CODEN: PHCBAP; ISSN: 0031-8655
DT Journal
LA English

L6 ANSWER 57 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1991:450398 CAPLUS
DN 115:50398
OREF 115:8781a,8784a
TI Electrochemical preparation of aligned conducting polypyrrole
AU Ryang, H. S.; Anderson, D. P.; Marcy, H. O.; Warren, L. F.; Child, A. D.
CS Sci. Cent., Rockwell Int., Thousand Oaks, CA, 91360, USA
SO Polymeric Materials Science and Engineering (1991), 64, 208-9
CODEN: PMSEDG; ISSN: 0743-0515
DT Journal
LA English

=> d l6 57 all

L6 ANSWER 57 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1991:450398 CAPLUS
DN 115:50398
OREF 115:8781a,8784a
ED Entered STN: 10 Aug 1991
TI Electrochemical preparation of aligned conducting polypyrrole
AU Ryang, H. S.; Anderson, D. P.; Marcy, H. O.; Warren, L. F.; Child, A. D.
CS Sci. Cent., Rockwell Int., Thousand Oaks, CA, 91360, USA
SO Polymeric Materials Science and Engineering (1991), 64, 208-9
CODEN: PMSEDG; ISSN: 0743-0515
DT Journal
LA English
CC 35-4 (Chemistry of Synthetic High Polymers)
AB A 1-step preparation of aligned polypyrrole film is described; the process is based on a rotating cylinder electrodeposition. Cetyltrimethylammonium p-toluenesulfonate is used in the polymerization Morphol. and elec. conductivity of the resulting films are discussed.
ST polypyrrole film aligned prepn; rotating cylinder electrodeposition polymn pyrrole
IT Polymer morphology
(of polypyrrole aligned films)
IT Surfactants
(cationic, cetyltrimethylammonium toluenesulfonate, in electrochem. polymerization of pyrrole)
IT Polymerization
(electrochem., of pyrrole, in prepn of aligned films)
IT Electric conductors
(film, polypyrrole aligned, one-step process for preparation of)

```
IT   109-97-7, Pyrrole
     RL: RCT (Reactant); RACT (Reactant or reagent)
        (polymerization of, one-step, in preparation of aligned films)
IT   30604-81-0P, Polypyrrole
     RL: SPN (Synthetic preparation); PREP (Preparation)
        (preparation and elec. conductivity properties of aligned films of)
IT   138-32-9, Cetyltrimethylammonium p-toluenesulfonate
     RL: USES (Uses)
        (surfactants, in electrochem. polymerization of pyrrole)


=> d l6 4-54

L6   ANSWER 4 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   2009:150865  CAPLUS
DN   150:407338
TI   Surface aggregate morphology of chiral porphyrins as a function of
     constitution and amphiphilic nature
AU   Iavicoli, Patrizia; Simon-Sorbed, Maite; Amabilino, David B.
CS   Institut de Ciencia de Materials de Barcelona, CSIC, Cerdanyola del Valles
     Catalonia, 08193, Spain
SO   New Journal of Chemistry (2009), 33(2), 358-365
     CODEN: NJCHE5; ISSN: 1144-0546
PB   Royal Society of Chemistry
DT   Journal
LA   English
RE.CNT  41    THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6   ANSWER 5 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   2008:1510323  CAPLUS
DN   150:109372
TI   Nano-fluorescent microsphere and its application
IN   Song, Wenbin; Wang, Rui; Wang, Weizhi; Liu, Tianxi
PA   Fudan University, Peop. Rep. China
SO   Faming Zhuanli Shenqing Gongkai Shuomingshu, 8pp.
     CODEN: CNXXEV
DT   Patent
LA   Chinese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     --------------      ----   --------    -------------------    --------
PI   CN 101323781         A     20081217    CN 2008-10037113       20080508
PRAI CN 2008-10037113           20080508

L6   ANSWER 6 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   2008:505406  CAPLUS
DN   148:499749
TI   Nanotube wiring for lithium ion battery cathodes
IN   Exnar, Ivan; Zakeeruddin, Shaik Mohammed; Graetzel, Michael; Kavan,
     Ladislav
PA   High Power Lithium S.A., Switz.
SO   PCT Int. Appl., 97pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 3
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     --------------      ----   --------    -------------------    --------
PI   WO 2008047324       A2     20080424    WO 2007-IB54246        20071018
     WO 2008047324       A3     20080612
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
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CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL,
PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRAI WO 2006-IB53833 A 20061018

L6 ANSWER 7 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2008:325171 CAPLUS
DN 148:551959
TI A cationic porphyrin-based self-assembled film for mercury ion detection
AU Fang, Zhen; Liu, Bin
CS Department of Chemical and Biomolecular Engineering, National University of Singapore, Singapore, 117576, Singapore
SO Tetrahedron Letters (2008), 49(14), 2311-2315
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Ltd.
DT Journal
LA English
OS CASREACT 148:551959
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:1478476 CAPLUS
DN 150:145124
TI Conducting polymers confined within bioactive peptide amphiphile nanostructures
AU Tovar, John D.; Rabatic, Bryan M.; Stupp, Samuel I.
CS Department of Materials Science and Engineering, Institute for BioNanotechnology in Medicine (IBNAM), Department of Chemistry, Feinberg School of Medicine, Northwestern University, Evanston, IL, 60208, USA
SO Small (2007), 3(12), 2024-2028
CODEN: SMALBC; ISSN: 1613-6810
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:526303 CAPLUS
DN 147:128050
TI Molecular assembled self-doped polyaniline copolymer ultra-thin films
AU Yang, Chien-Hsin; Huang, Liang-Ren; Chih, Yi-Kai; Lin, Wen-Churng; Liu, Feng-Jiin; Wang, Tzong-Liu
CS Department of Chemical and Materials Engineering, National University of Kaohsiung, Kaohsiung, 811, Taiwan
SO Polymer (2007), 48(11), 3237-3247
CODEN: POLMAG; ISSN: 0032-3861
PB Elsevier Ltd.
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2007:249359 CAPLUS
DN 146:481846
TI Synthesis and solvent driven self-aggregation studies of meso-"C-glycoside"-porphyrin derivatives
AU Stepanek, Petr; Dukh, Mykhaylo; Saman, David; Moravcova, Jitka; Kniezo, Ladislav; Monti, Donato; Venanzi, Mariano; Mancini, Giovanna; Drasar, Pavel
CS Institute of Organic Chemistry and Biochemistry, AS CR, Prague, CZ-166 10 6, Czech Rep.
SO Organic & Biomolecular Chemistry (2007), 5(6), 960-970
CODEN: OBCRAK; ISSN: 1477-0520
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 146:481846
RE.CNT 100 THERE ARE 100 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:986651 CAPLUS
DN 145:361633
TI Method for manufacturing highly ordered mesoporous polymer or carbon material with large specific surface area in aqueous solution
IN Zhao, Dongyuan; Zhang, Fuqiang; Meng, Yan; Gu, Dong; Tu, Bo
PA Fudan University, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 19pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI CN 1834203	A	20060920	CN 2006-10024389	20060306
CN 100395310	C	20080618		
PRAI CN 2006-10024389		20060306		

L6 ANSWER 12 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:960459 CAPLUS
DN 147:32599
TI Facile synthesis of poly(3,4-ethylenedioxythiophene) nanofibers from an aqueous surfactant solution
AU Han, Moon Gyu; Foulger, Stephen H.
CS Center for Optical Materials Science and Engineering Technology School of Materials Science and Engineering, Clemson University, Clemson, SC, 29634, USA
SO Small (2006), 2(10), 1164-1169
CODEN: SMALBC; ISSN: 1613-6810
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 13 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:887660 CAPLUS
DN 146:462848
TI Sub-micrometer-sized concentric circles patterns of polypyrrole prepared in emulsion
AU Ouyang, Chu; Wang, Yong; Chen, Wei; Xue, Gi
CS The State Key Laboratory of Coordination Chemistry Department of Polymer Science and Engineering, School of Chemistry and Chemical Engineering,

Nanjing University, Nanjing, 210093, Peop. Rep. China
SO PMSE Preprints (2006), 95, 843-844
CODEN: PPMRA9; ISSN: 1550-6703
PB American Chemical Society
DT Journal; (computer optical disk)
LA English
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:797792 CAPLUS
DN 145:398082
TI Highly surfaced polypyrrole nano-networks and nano-fibers
AU Acik, Muge; Baristiran, Canan; Sonmez, Gursel
CS Faculty of Engineering & Natural Sciences, Chemistry Program, Sabanci University, Istanbul, 34956, Turk.
SO Journal of Materials Science (2006), 41(14), 4678-4683
CODEN: JMTSAS; ISSN: 0022-2461
PB Springer
DT Journal
LA English
RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:200810 CAPLUS
DN 145:506516
TI One-step synthesis of 3D dendritic gold/polypyrrole nanocomposites via a self-assembly method
AU Huang, Kun; Zhang, Yuanjian; Han, Dongxue; Shen, Yanfei; Wang, Zhijuan; Yuan, Junhua; Zhang, Qixian; Niu, Li
CS State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Graduate School of the Chinese Academy of Sciences, Chinese Academy of Sciences, Changchun, 130022, Peop. Rep. China
SO Nanotechnology (2006), 17(1), 283-288
CODEN: NNOTER; ISSN: 0957-4484
PB Institute of Physics Publishing
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 16 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:169139 CAPLUS
DN 144:370519
TI Electrochemical polymerization of pyrrole in supercritical carbon dioxide-in-water emulsion
AU Jikei, Mitsutoshi; Saitoh, Suguru; Yasuda, Hajimu; Itoh, Hideaki; Sone, Masato; Kakimoto, Masa-Aki; Yoshida, Hideo
CS Department of Material-Process Engineering and Applied Chemistry for Environments, Akita University, Akita-shi, Akita, 010-8502, Japan
SO Polymer (2006), 47(5), 1547-1554
CODEN: POLMAG; ISSN: 0032-3861
PB Elsevier Ltd.
DT Journal
LA English
RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 17 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:62044 CAPLUS
DN 144:423823

TI Layer-by-layer self-assembled conductive thin films for MEMS applications
AU Bush, Brian; Xu, Guohua; Carraro, Carlo; Maboudian, Roya
CS Department of Chemical Engineering, University of California, Berkeley, CA, 94720, USA
SO Sensors and Actuators, A: Physical (2006), A126(1), 194-200
CODEN: SAAPEB; ISSN: 0924-4247
PB Elsevier B.V.
DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 18 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:34375 CAPLUS
DN 144:124459
TI Method and optical device for the observation of nanometric samples
IN Aussere, Dominique
PA Nanoraptor, Fr.
SO Fr. Demande, 102 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2872910	A1	20060113	FR 2004-7517	20040707
	FR 2872910	B1	20061013		
	WO 2006013287	A1	20060209	WO 2005-FR1746	20050706
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1779092	A1	20070502	EP 2005-788741	20050706
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 101031789	A	20070905	CN 2005-80029959	20050706
	JP 2008506098	T	20080228	JP 2007-519841	20050706
PRAI	FR 2004-7517	A	20040707		
	WO 2005-FR1746	W	20050706		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 19 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1346317 CAPLUS
DN 144:233793
TI Controllable Synthesis of Conducting Polypyrrole Nanostructures
AU Zhang, Xuetong; Zhang, Jin; Song, Wenhui; Liu, Zhongfan
CS Key Laboratory for the Physics and Chemistry of Nanodevices, Centre for Nanoscale Science and Technology, College of Chemistry and Molecular Engineering, Peking University, Beijing, 100871, Peop. Rep. China
SO Journal of Physical Chemistry B (2006), 110(3), 1158-1165
CODEN: JPCBFK; ISSN: 1520-6106
PB American Chemical Society
DT Journal

LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 20 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1334939 CAPLUS
DN 144:62930
TI Manufacture of polarizable electrodes for double-layer capacitors
IN Unno, Makoto
PA NEC Tokin Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2005353930	A	20051222	JP 2004-174949	20040614
PRAI JP 2004-174949		20040614		

L6 ANSWER 21 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1179348 CAPLUS
DN 144:468555
TI Superlong polypyrrole nanowires aligned within ordered mesoporous silica channels
AU Guo, Ruirong; Li, Guangtao; Zhang, Weixia; Shen, Guangqiu; Shen, Dezhong
CS Key Lab of Organic Optoelectronics and Molecular Engineering Department of Chemistry, Tsinghua University, Beijing, 100084, Peop. Rep. China
SO ChemPhysChem (2005), 6(10), 2025-2028
CODEN: CPCHFT; ISSN: 1439-4235
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 22 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1059135 CAPLUS
DN 144:12243
TI Morphological and Spectroscopic Properties of Thin Films of Self-Assembling Amphiphilic Porphyrins on a Hydrophilic Surface as Revealed by Scanning Near-Field Optical Microscopy
AU Nagahara, Tetsuhiko; Imura, Kohei; Okamoto, Hiromi; Oguro, Akane; Imahori, Hiroshi
CS Institute for Molecular Science and Graduate University for Advanced Studies, Okazaki, 444-8585, Japan
SO Journal of Physical Chemistry B (2005), 109(42), 19839-19844
CODEN: JPCBFK; ISSN: 1520-6106
PB American Chemical Society
DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:904087 CAPLUS
DN 143:235471
TI Kit and composition of imidazole with enhanced bioavailability and therapeuticc uses thereof
IN Tamarkin, Dov; Friedman, Doron; Eini, Meir
PA Foamix Ltd., Israel
SO U.S. Pat. Appl. Publ., 19 pp., Cont.-in-part of U.S. Ser. No. 911,367.

CODEN: USXXCO
DT Patent
LA English
FAN.CNT 33

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050186142	A1	20050825	US 2005-41921	20050124
	WO 2004037225	A2	20040506	WO 2003-IB5527	20031024
	WO 2004037225	A3	20041229		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 20050069566	A1	20050331	US 2004-911367	20040804
	ZA 2005003298	A	20060830	ZA 2005-3298	20050425
	AU 2005204347	A1	20060810	AU 2005-204347	20050830
	CA 2602042	A1	20070628	CA 2006-2602042	20060124
	WO 2007072216	A2	20070628	WO 2006-IB3974	20060124
	WO 2007072216	A3	20080508		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	EP 1942870	A2	20080716	EP 2006-842390	20060124
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	AU 2006201878	A1	20070927	AU 2006-201878	20060504
	US 20070292355	A1	20071220	US 2007-732547	20070404
	IN 2007CN03681	A	20071116	IN 2007-CN3681	20070823
PRAI	IL 2002-152486	A	20021025		
	US 2003-492385P	P	20030804		
	WO 2003-IB5527	A	20031024		
	US 2004-911367	A2	20040804		
	US 2002-429546P	P	20021129		
	US 2003-497648P	P	20030825		
	US 2003-530015P	P	20031216		
	US 2004-835505	A2	20040428		
	US 2004-922358	A2	20040820		
	US 2005-41921	A	20050124		
	US 2005-688244P	P	20050607		
	US 2005-532618	A2	20051222		
	WO 2006-IB3974	W	20060124		
	US 2006-789186P	P	20060404		
	US 2006-448490	A2	20060607		
	US 2006-861620P	P	20061129		
	US 2007-880434P	P	20070112		

L6 ANSWER 24 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2005:656697 CAPLUS
DN 144:316478
TI Effects of synthesis conditions on the growth of MWCNTs using an ultra sonic evaporator with pyrolysis of hydrocarbon (IEEE-NANO paper # 6_1)
AU Jeong, N. J.; Song, K. S.; Lee, S. J.; Ryu, I. S.; Yu, S. P.; Seo, Y. S.
CS Korea Institute of Energy Research, 71-2, Jang-Dong, Yuseong-gu, Daejeon, 305-343, S. Korea
SO IEEE-NANO 2004, Fourth IEEE Conference on Nanotechnology, Muenchen, Germany, Aug. 16-19, 2004 (2004), 489-491 Publisher: Institute of Electrical and Electronics Engineers, New York, N. Y.
CODEN: 69HAVP; ISBN: 0-7803-8537-3
DT Conference; (computer optical disk)
LA English
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 25 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:641976 CAPLUS
DN 144:241914
TI Conducting polymer/carbon nanotube composite films made by in situ electropolymerization using an ionic surfactant as the supporting electrolyte
AU Zhang, Xuetong; Zhang, Jin; Liu, Zhongfan
CS Centre for Nanoscale Science and Technology (CNST), College of Chemistry and Molecular Engineering, Peking University, Beijing, 100871, Peop. Rep. China
SO Carbon (2005), 43(10), 2186-2191
CODEN: CRBNAH; ISSN: 0008-6223
PB Elsevier Ltd.
DT Journal
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 26 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:411289 CAPLUS
DN 143:77988
TI Lead structures for applications in photodynamic therapy. Part 1: Synthesis and variation of m-THPC (Temoporfin) related amphiphilic A2BC-type porphyrins
AU Wiehe, Arno; Shaker, Yasser M.; Brandt, Johan C.; Mebs, Stefan; Senge, Mathias O.
CS Biolitec AG, Jena, D-07745, Germany
SO Tetrahedron (2005), 61(23), 5535-5564
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier B.V.
DT Journal
LA English
OS CASREACT 143:77988
RE.CNT 78 THERE ARE 78 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 27 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:372381 CAPLUS
DN 143:69339
TI Lithography-free, self-aligned inkjet printing with sub-hundred-nanometer resolution
AU Sele, Christoph W.; von Werne, Timothy; Friend, Richard H.; Sirringhaus, Henning
CS Cavendish Laboratory, University of Cambridge, Cambridge, CB3 0HE, UK
SO Advanced Materials (Weinheim, Germany) (2005), 17(8), 997-1001
CODEN: ADVMEW; ISSN: 0935-9648

PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 28 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:364956 CAPLUS
DN 143:85524
TI Simultaneous immobilization of cobalt tetrasulfonated phthalocyanine during electropolymerization of pyrrole in presence of surfactants : a study of film morphology and its conductivity
AU Muthuraman, Govindan; Shim, Yoon-Bo; Yoon, Jang-Hee; Won, Mi-Sook
CS Busan Branch, Korea Basic Science Institute, Busan, 609-735, S. Korea
SO Synthetic Metals (2005), 150(2), 165-173
CODEN: SYMEDZ; ISSN: 0379-6779
PB Elsevier B.V.
DT Journal
LA English
RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 29 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:238913 CAPLUS
DN 142:308323
TI Organized structures of amphiphilic components and methods of making the same
IN Mirkin, Chad A.; Park, Sungho; Lim, Jung-Hyurk; Chung, Sung-Wook
PA Northwestern University, USA
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005023701	A2	20050317	WO 2004-US29005	20040903
	WO 2005023701	A3	20070426		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, AP, EA, EP, OA				
PRAI	US 2003-500056P	P	20030903		
	US 2003-523287P	P	20031118		

L6 ANSWER 30 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:78037 CAPLUS
DN 142:186235
TI Self-assembly of organic-inorganic nanocomposite thin films for use in hybrid organic light-emitting devices (HLEDs)
IN Sellinger, Alan
PA Canon Kabushiki Kaisha, USA
SO U.S. Pat. Appl. Publ., 15 pp.
CODEN: USXXCO
DT Patent

LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 20050019602	A1	20050127	US 2000-749006	20001227
US 6861091	B2	20050301		
PRAI US 2000-749006		20001227		

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 31 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:1153273 CAPLUS
DN 142:249943
TI Single-Walled Carbon Nanotube-Based Coaxial Nanowires: Synthesis, Characterization, and Electrical Properties
AU Zhang, Xuetong; Zhou, Lue; Wen, Mengting; Liang, Hailin; Zhang, Jin; Liu, Zhongfan
CS Centre for Nanoscale Science and Technology, College of Chemistry and Molecular Engineering, Peking University, Beijing, 100871, Peop. Rep. China
SO Journal of Physical Chemistry B (2005), 109(3), 1101-1107
CODEN: JPCBFK; ISSN: 1520-6106
PB American Chemical Society
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 32 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:954446 CAPLUS
DN 142:104083
TI Observation of field-effect transistor behavior at Self-organized interfaces
AU Chua, Lay-Lay; Ho, Peter K. H.; Sirringhaus, Henning; Friend, Richard H.
CS Cavendish Laboratory, University of Cambridge, Cambridge, CB3 0HE, UK
SO Advanced Materials (Weinheim, Germany) (2004), 16(18), 1609-1615
CODEN: ADVMEW; ISSN: 0935-9648
PB Wiley-VCH Verlag GmbH & Co. KGaA
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 33 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:905247 CAPLUS
DN 141:366942
TI Nanoporous composites of polymerized lyotropic liquid-crystalline monomers, and hydrophobic polymers, and formation of these ordered composites
IN Elliott, Brian
PA Tda Research, Inc., USA
SO U.S. Pat. Appl. Publ., 29 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 20040211939	A1	20041028	US 2003-422604	20030424
US 7090788	B2	20060815		
PRAI US 2003-422604		20030424		

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 34 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:670197 CAPLUS
DN 141:424816
TI Preparation of conducting polymer-coated colloidal particles and their self-assembly into crystalline colloidal arrays
AU Han, Moon Gyu; Foulger, Stephen H.
CS School of Materials Science and Engineering, Center for Optical Materials Science and Engineering Technologies, Clemson University, Clemson, SC, 29634, USA
SO PMSE Preprints (2004), 91, 883-884
CODEN: PPMRA9; ISSN: 1550-6703
PB American Chemical Society
DT Journal; (computer optical disk)
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 35 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:285462 CAPLUS
DN 141:54744
TI Linear arrangements of polypyrrole microcontainers
AU Yuan, Jinying; Qu, Liangti; Zhang, Deqiang; Shi, Gaoquan
CS Department of Chemistry, Tsinghua University, Beijing, 100084, Peop. Rep. China
SO Chemical Communications (Cambridge, United Kingdom) (2004), (8), 994-995
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 36 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:251404 CAPLUS
DN 140:392178
TI In situ formed processable polypyrrole nanoparticle/amphiphilic elastomer composites and their properties
AU Lee, Eun Seong; Park, Jae Hyung; Wallace, Gordon G.; Bae, You Han
CS Department of Materials Science and Engineering, Kwangju Institute of Science and Technology, Kwangju, 500-712, S. Korea
SO Polymer International (2004), 53(4), 400-405
CODEN: PLYIEI; ISSN: 0959-8103
PB John Wiley & Sons Ltd.
DT Journal
LA English
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 37 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:143197 CAPLUS
DN 140:165218
TI Molecule alignment polymer gel and molecule alignment polymer cast film having self-organizing amphiphilic compound as template and process for producing the same
IN Kimizuka, Nobuo; Kagawa, Kazuhiro; Nakashima, Takuya
PA Honda Giken Kogyo Kabushiki Kaisha, Japan
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004014965	A1	20040219	WO 2003-JP10068	20030807
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003254862	A1	20040225	AU 2003-254862	20030807
	EP 1553109	A1	20050713	EP 2003-784575	20030807
	EP 1553109	B1	20071024		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 4257293	B2	20090422	JP 2004-527359	20030807
	US 20060102876	A1	20060518	US 2005-524079	20051031
PRAI	JP 2002-231958	A	20020808		
	JP 2003-13943	A	20030122		
	WO 2003-JP10068	W	20030807		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 38 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:879498 CAPLUS
DN 140:60696
TI Adsorbed Surfactants as Templates for the Synthesis of Morphologically Controlled Polyaniline and Polypyrrole Nanostructures on Flat Surfaces: From Spheres to Wires to Flat Films
AU Carswell, Andrew D. W.; O'Rear, Edgar A.; Grady, Brian P.
CS School of Chemical Engineering and Materials Science, University of Oklahoma, Norman, OK, 73019, USA
SO Journal of the American Chemical Society (2003), 125(48), 14793-14800
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 39 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:815490 CAPLUS
DN 139:314290
TI Organic electroluminescent device and manufacture of the device
IN Takebe, Naoko; Wakita, Naohide; Sato, Tetsuya; Matsuo, Mikiko
PA Matsushita Electric Industrial Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003297578	A	20031017	JP 2002-97982	20020329
	JP 4088471	B2	20080521		
PRAI	JP 2002-97982		20020329		

L6 ANSWER 40 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN

AN 2002:735194 CAPLUS
DN 138:56481
TI Novel crystalline supramolecular assemblies of amorphous polypyrrole nanoparticles through surfactant templating
AU Jang, Jyongsik; Oh, Joon Hak
CS Hyperstructured Organic Materials Research Center and School of Chemical Engineering, College of Engineering, Seoul National University, Seoul, 151-742, S. Korea
SO Chemical Communications (Cambridge, United Kingdom) (2002), (19), 2200-2201
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 41 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2002:574235 CAPLUS
DN 137:290388
TI Quantitative relationships between ryanoids, receptor affinity and channel conductance
AU Welch, William
CS Department of Biochemistry, University of Nevada, Reno, NV, USA
SO Frontiers in Bioscience [online computer file] (2002), 7, D1717-D1742
CODEN: FRBIF6; ISSN: 1093-4715
URL: http://www.bioscience.org/2002/v7/d/welch/pdf.pdf
PB Frontiers in Bioscience
DT Journal; General Review; (online computer file)
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 42 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2001:205631 CAPLUS
DN 135:5957
TI Studies on formation mechanism of polypyrrole microtubule synthesized by template-free method
AU Liu, Jing; Wan, Meixiang
CS Organic Solid Laboratory, Center for Molecular Sciences, Institute of Chemistry, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China
SO Journal of Polymer Science, Part A: Polymer Chemistry (2001), 39(7), 997-1004
CODEN: JPACEC; ISSN: 0887-624X
PB John Wiley & Sons, Inc.
DT Journal
LA English
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 43 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2000:752302 CAPLUS
DN 134:42450
TI Structural control of conducting polymers using surfactant micelle
AU Naoi, Katsuhiko; Suematsu, Shunzo; Shimada, Akihiro
CS Dept. of Applied Chemistry, Tokyo University of A&T, Tokyo, Koganei-shi, Naka-machi, 184-8588, Japan
SO Nihon Yukagakkaishi (2000), 49(10), 1209-1215
CODEN: NIYUFC; ISSN: 1341-8327
PB Nihon Yukagaku Gakkai
DT Journal; General Review

LA Japanese

L6 ANSWER 44 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2000:688001 CAPLUS
DN 133:274024
TI Supramolecular opto-electronic architecture of tautomeric compositions
IN Schumaker, Robert R.
PA California Molecular Electronics Corp., USA
SO U.S., 12 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6124963	A	20000926	US 1999-274754	19990323
PRAI US 1999-274754		19990323		

OS MARPAT 133:274024
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 45 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1999:786069 CAPLUS
DN 132:146124
TI Interactions of Water-Insoluble Tetraphenylporphyrins with Micelles Probed by UV-Visible and NMR Spectroscopy
AU Vermathen, Martina; Louie, Elizabeth A.; Chodosh, Adam B.; Ried, Sandra; Simonis, Ursula
CS Department of Chemistry & Biochemistry, San Francisco State University, San Francisco, CA, 94132, USA
SO Langmuir (2000), 16(1), 210-221
CODEN: LANGD5; ISSN: 0743-7463
PB American Chemical Society
DT Journal
LA English
RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 46 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1999:748332 CAPLUS
DN 131:352095
TI Fabrication of deaggregated electrically conductive polymers and precursors
IN Angelopoulos, Marie; Furman, Bruce K.
PA International Business Machines Corporation, USA
SO U.S., 20 pp., Division of U.S. Ser. No. 783,805.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5990249	A	19991123	US 1997-919740	19970828
US 6005070	A	19991221	US 1997-783805	19970116
US 6255450	B1	20010703	US 1999-228735	19990112
US 20010012867	A1	20010809	US 2001-789461	20010221
US 6806349	B2	20041019		
US 20020024039	A1	20020228	US 2001-945898	20010904
US 6752935	B2	20040622		
PRAI US 1997-783805	A3	19970116		
US 1995-452360	A3	19950530		
US 1999-228735	A1	19990112		

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     US 1999-288930       A1    19990409
RE.CNT  8     THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6   ANSWER 47 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   1999:101278  CAPLUS
DN   130:141544
TI   Sulfur compound removal from fluids by filtration through intermetallic
     antimony-tin filter
IN   Duffield, Roger; Randall, German; Teh, Fu Yen; Ronald, Iacocca
PA   Klinair Environmental Technologies (Ireland) Ltd., Ire.
SO   PCT Int. Appl., 48 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
PI   WO 9904898           A1     19990204    WO 1998-IE61            19980720
         W:  AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK,
             EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP,
             KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG,
             US, UZ, VN, YU, ZW
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
             FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     CA 2297094            A1     19990204    CA 1998-2297094         19980720
     AU 9885575            A      19990216    AU 1998-85575           19980720
     EP 1024894            A1     20000809    EP 1998-936639          19980720
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO
     JP 2001510728         T      20010807    JP 2000-503934          19980720
     ZA 9806487            A      19990203    ZA 1998-6487            19980721
     NO 2000000274         A      20000321    NO 2000-274             20000119
     MX 2000000718         A      20010629    MX 2000-718             20000120
PRAI US 1997-897607        A      19970721
     IE 1998-287           A      19980416
     WO 1998-IE61          W      19980720
RE.CNT  3     THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6   ANSWER 48 OF 57  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   1998:716188  CAPLUS
DN   129:322745
OREF 129:65709a,65712a
TI   Bipolar electrochemical connection of materials
IN   Bradley, Jean-claude
PA   Drexel University, USA
SO   PCT Int. Appl., 52 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
PI   WO 9846810           A1     19981022    WO 1998-US7699          19980416
         W:  AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
             DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,
             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, UZ, VN, YU, ZW
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RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU	9871267	A	19981111	AU 1998-71267	19980416
US	6120669	A	20000919	US 1998-61818	19980416
PRAI US	1997-43265P	P	19970416		
US	1997-48475P	P	19970603		
US	1997-66905P	P	19971114		
US	1998-79722P	P	19980327		
WO	1998-US7699	W	19980416		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 49 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1998:486745 CAPLUS
DN 129:230558
OREF 129:46915a,46918a
TI Oriented molecular aggregates of porphyrin-based amphiphiles and their morphology control by a boronic acid-sugar interaction
AU Arimori, Susumu; Takeuchi, Masayuki; Shinkai, Seiji
CS Department of Chemical Science & Technology, Faculty of Engineering, Kyushu University, Fukuoka, 812, Japan
SO Supramolecular Science (1998), 5(1-2), 1-8
CODEN: SUSCFX; ISSN: 0968-5677
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 50 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1996:290286 CAPLUS
DN 125:10448
OREF 125:2297a,2300a
TI Porphyrin Synthesis in Surfactant Solution: Multicomponent Assembly in Micelles
AU Bonar-Law, Richard P.
CS Cambridge Centre for Molecular Recognition, University Chemical Laboratory, Cambridge, CB2 1EW, UK
SO Journal of Organic Chemistry (1996), 61(11), 3623-3634
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 125:10448

L6 ANSWER 51 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1996:97032 CAPLUS
DN 124:260666
OREF 124:48287a,48290a
TI Synthesis of philanthotoxin analogs with bulky heads including porphyrins. Self-assembly monitored by circular dichroism
AU Huang, Danwen; Matile, Stefan; Berova, Nina; Nakanishi, Koji
CS Dep. Chem., Columbia Univ., New York, NY, 10027, USA
SO Heterocycles (1996), 42(2), 723-36
CODEN: HTCYAM; ISSN: 0385-5414
PB Japan Institute of Heterocyclic Chemistry
DT Journal
LA English

L6 ANSWER 52 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN

AN 1995:973288 CAPLUS
DN 124:9587
OREF 124:2035a,2038a
TI Dual-mode ion switching conducting polymer films as high energy supercapacitor materials
AU Naoi, Katsuhiko; Oura, Yasushi
CS Faculty Technology, Tokyo University Agriculture & Technology, Tokyo, 184, Japan
SO Materials Research Society Symposium Proceedings (1995), 393(Materials for Electrochemical Energy Storage and Conversion-Batteries, Capacitors and Fuel Cells), 183-8
CODEN: MRSPDH; ISSN: 0272-9172
PB Materials Research Society
DT Journal
LA English

L6 ANSWER 53 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1995:845314 CAPLUS
DN 123:353510
OREF 123:63171a,63174a
TI Synthesis and monolayer behavior of a tetrabiotinylated porphyrin ligand
AU Fukushima, H.; Taylor, D. M.; Morgan, H.
CS Inst. Molecular Biomolecular Electronics, Univ. Wales, Gwynedd, LL57 1UT, UK
SO Langmuir (1995), 11(9), 3523-8
CODEN: LANGD5; ISSN: 0743-7463
PB American Chemical Society
DT Journal
LA English

L6 ANSWER 54 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1995:658806 CAPLUS
DN 123:229435
OREF 123:40997a,41000a
TI Electrochemistry of polypyrrole films electropolymerized from micellar solution of anionic surfactants
AU Maeda, Michiko; Nakamura, Sadako
CS Sci. Coll., Nippon Women's Univ., Tokyo, Japan
SO Nippon Joshi Daigaku Kiyo, Rigakubu (1995), 3, 61-7
CODEN: NJDRF7; ISSN: 0919-1593
PB Nippon Joshi Daigaku Rigakubu
DT Journal
LA English

=> d l6 29 all

L6 ANSWER 29 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:238913 CAPLUS
DN 142:308323
ED Entered STN: 18 Mar 2005
TI Organized structures of amphiphilic components and methods of making the same
IN Mirkin, Chad A.; Park, Sungho; Lim, Jung-Hyurk; Chung, Sung-Wook
PA Northwestern University, USA
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English
IC ICM B82B
CC 76-14 (Electric Phenomena)
Section cross-reference(s): 48, 66

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005023701	A2	20050317	WO 2004-US29005	20040903
	WO 2005023701	A3	20070426		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, AP, EA, EP, OA			
PRAI	US 2003-500056P	P	20030903		
	US 2003-523287P	P	20031118		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005023701	ICM	B82B
	IPCI	D02G0003-00 [I,C]; D02G0003-00 [I,A]; B05D0005-12 [I,C]; B05D0005-12 [I,A]; B29D0022-00 [I,C]; B29D0022-00 [I,A]; B29D0023-00 [I,C]; B29D0023-00 [I,A]; B32B0001-00 [I,C]; B32B0001-08 [I,A]
	IPCR	D02G0003-00 [I,C]; D02G0003-00 [I,A]; B05D0005-12 [I,C]; B05D0005-12 [I,A]; B29D0022-00 [I,C]; B29D0022-00 [I,A]; B29D0023-00 [I,C]; B29D0023-00 [I,A]; B32B0001-00 [I,C]; B32B0001-08 [I,A]; B82B [I,S]; B82B0001-00 [I,C*]; B82B0001-00 [I,A]
	ECLA	B82B001/00; Y01N

AB The invention provides method of using alternating polar and nonpolar segments in nanorod structures to control the assembly of the rods into flat two-dimensional and curved three dimensional structures. With these methods, different architectures can be systematically formed by controlling the composition of the nanorod structures and the ratio of the lengths of different material segments that compose the nanorods.

ST amphiphile fabrication nanostructure nanorod

IT Polymerization
(electrochem.; organized structures of amphiphilic components and methods of making for nanostructures)

IT Nanostructures
(nanorods and nanosheets; organized structures of amphiphilic components and methods of making for nanostructures)

IT Amphiphiles
Conducting polymers
Electrodeposition
Nanostructures
Nanotubes
(organized structures of amphiphilic components and methods of making for nanostructures)

IT Metals, processes
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)
(organized structures of amphiphilic components and methods of making for nanostructures)

IT 7440-57-5, Gold, processes
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(organized structures of amphiphilic components and methods of making for nanostructures)
IT 30604-81-0P, Polypyrrole
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(organized structures of amphiphilic components and methods of making for nanostructures)

=> d l6 43 all

L6 ANSWER 43 OF 57 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2000:752302 CAPLUS
DN 134:42450
ED Entered STN: 26 Oct 2000
TI Structural control of conducting polymers using surfactant micelle
AU Naoi, Katsuhiko; Suematsu, Shunzo; Shimada, Akihiro
CS Dept. of Applied Chemistry, Tokyo University of A&T, Tokyo, Koganei-shi, Naka-machi, 184-8588, Japan
SO Nihon Yukagakkaishi (2000), 49(10), 1209-1215
CODEN: NIYUFC; ISSN: 1341-8327
PB Nihon Yukagaku Gakkai
DT Journal; General Review
LA Japanese
CC 35-0 (Chemistry of Synthetic High Polymers)
Section cross-reference(s): 36, 46, 72
AB A review with 25 refs. The conducting polymers and films for electrochem. reaction, dopants, surfactant in polymerization of the conducting polymers and surfactant-introduced conducting polymers were introduced. Particular, attention was directed to our research on electrochem. reactions of polymers and feasibility as energy storage materials. Monomers of conducting polymer dissolve in the hydrophobic domain of surfactant micelles in aqueous solution and surfactant bilayers on a substrate. Surfactant hydrophilic-hydrophobic characterization makes possible structural control of electrodeposited polymer film. Polypyrrole film, a conducting polymer, with perpendicular orientation and high ion diffusivity, is formed by electropolymn. in the presence of micelles. This film can be electropolymd. even on a substrate of non-noble metal having low electronic conductivity, using an anionic surfactant. The simultaneous formation of two-layers consisting of oxide film with a high dielec. constant and polypyrrole film on valve metals such as aluminum is discussed.
ST review conducting polymer structure control surfactant micelle; electrochem polymn electrode pyrrole structure control review
IT Conducting polymers
(polypyrroles; structural control of conducting polymers using surfactant micelle)
IT Dopants
Electrode reaction
Micelles
Molecular structure
Surfactants
(structural control of conducting polymers using surfactant micelle)
IT 30604-81-0P, Polypyrrole
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(conducting polymer; structural control of conducting polymers using surfactant micelle)

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     (FILE 'HOME' ENTERED AT 19:10:29 ON 10 JUL 2009)

     FILE 'CAPLUS' ENTERED AT 19:10:37 ON 10 JUL 2009
L1         40562 S 35641-59-9/RN OR 15214-89-8/RN OR 5165-97-9/RN OR 114815-74-6
L2           562 S 126213-50-1/RN
L3         40773 S L1 OR L2
L4        403107 S SURFACTANT OR DETERGENT OR AMPHIPHIL? OR AMPHIPATH?
L5        814221 S ALIGN? OR ORIENT? OR ?ASSEMBLY
L6            57 S L3 AND L4 AND L5

=> s l3 and l4
L7           946 L3 AND L4

=> s film or gel or hydrogel
        1173639 FILM
         953949 FILMS
        1508920 FILM
                   (FILM OR FILMS)
         569512 GEL
         118471 GELS
         615823 GEL
                   (GEL OR GELS)
          24655 HYDROGEL
          24604 HYDROGELS
          31741 HYDROGEL
                   (HYDROGEL OR HYDROGELS)
L8      2104603 FILM OR GEL OR HYDROGEL

=> s l7 and l8
L9           348 L7 AND L8

=> s polypyrrole
          14313 POLYPYRROLE
           2702 POLYPYRROLES
L10       14939 POLYPYRROLE
                   (POLYPYRROLE OR POLYPYRROLES)

=> s l10 and l4
L11          521 L10 AND L4

=> s l10 and l4 and l8
L12          225 L10 AND L4 AND L8

=> s l12 and l5
L13           17 L12 AND L5

=> s l13 not l6
L14            3 L13 NOT L6

=> d l14 1-3

L14  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   2007:1080722  CAPLUS
DN   148:13005
TI   A Pyrrole-Containing Surfactant as a Tecton for Nanocomposite
     SiO2 Films
AU   Kaper, Helena; Franke, Danielle; Smarsly, Bernd M.; Faul, Charl F. J.
CS   Max Planck Institute of Colloids and Interfaces, Potsdam, D-14424, Germany
SO   Langmuir (2007), 23(22), 11273-11280
     CODEN: LANGD5; ISSN: 0743-7463
PB   American Chemical Society
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DT   Journal
LA   English
RE.CNT  32    THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   2002:513035  CAPLUS
DN   137:64261
TI   Transparent sealing tapes for manufacture of cover tapes for packaging
     electronic components
IN   Nakanishi, Hisao
PA   Sumitomo Bakelite Co., Ltd., Japan
SO   Jpn. Kokai Tokkyo Koho, 4 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ----------------    ----   --------    ---------------------  --------
PI   JP 2002193377        A     20020710    JP 2000-398851         20001227
PRAI JP 2000-398851               20001227

L14  ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2009 ACS on STN
AN   1994:410137  CAPLUS
DN   121:10137
OREF 121:2137a,2140a
TI   Lamellar Conjugated Polymers by Electrochemical Polymerization of
     Heteroarene-Containing Surfactants: Potassium
     3-(3-Alkylpyrrol-1-yl)propanesulfonates
AU   Collard, David M.; Stoakes, Mark S.
CS   School of Chemistry and Biochemistry, Georgia Institute of Technology,
     Atlanta, GA, 30332-0400, USA
SO   Chemistry of Materials (1994), 6(6), 850-7
     CODEN: CMATEX; ISSN: 0897-4756
DT   Journal
LA   English


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     FILE 'CAPLUS' ENTERED AT 19:10:37 ON 10 JUL 2009
L1         40562 S 35641-59-9/RN OR 15214-89-8/RN OR 5165-97-9/RN OR 114815-74-6
L2           562 S 126213-50-1/RN
L3         40773 S L1 OR L2
L4        403107 S SURFACTANT OR DETERGENT OR AMPHIPHIL? OR AMPHIPATH?
L5        814221 S ALIGN? OR ORIENT? OR ?ASSEMBLY
L6            57 S L3 AND L4 AND L5
L7           946 S L3 AND L4
L8       2104603 S FILM OR GEL OR HYDROGEL
L9           348 S L7 AND L8
L10        14939 S POLYPYRROLE
L11          521 S L10 AND L4
L12          225 S L10 AND L4 AND L8
L13           17 S L12 AND L5
L14            3 S L13 NOT L6

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 19:43:13 ON 10 JUL 2009
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